

Advanced Data Management & Analysis Branch Code587

Branch Technical Status Report
August 26, 2004
James Byrnes

Agenda

- Data Format Standardization of Space Weather Model Output in the Community Coordinated Modeling Center, Marlo Maddox
- Staffing
- Project Summary

587 Staff Transitions

- Ezinne Uzo-Okoro started on July 12, 2004
 - ISE-Primary, Standard: +1.0
 - CASINNI CAPS Backfill
- Raul Garza-Robles Retired on August 3, 2004
 - ISE-Primary, Standard: -1.0
- Ryan Boller started ESDIS/SVS Outreach Project
 - ISE-Primary, Standard: 0.5 No Change
 - On loan until September
- Kathryn Rash (Coop) Part-time for the school term
 - P2P Project
- Chris Howard (Myerhoff Intern) returned to school
 - P2P Project

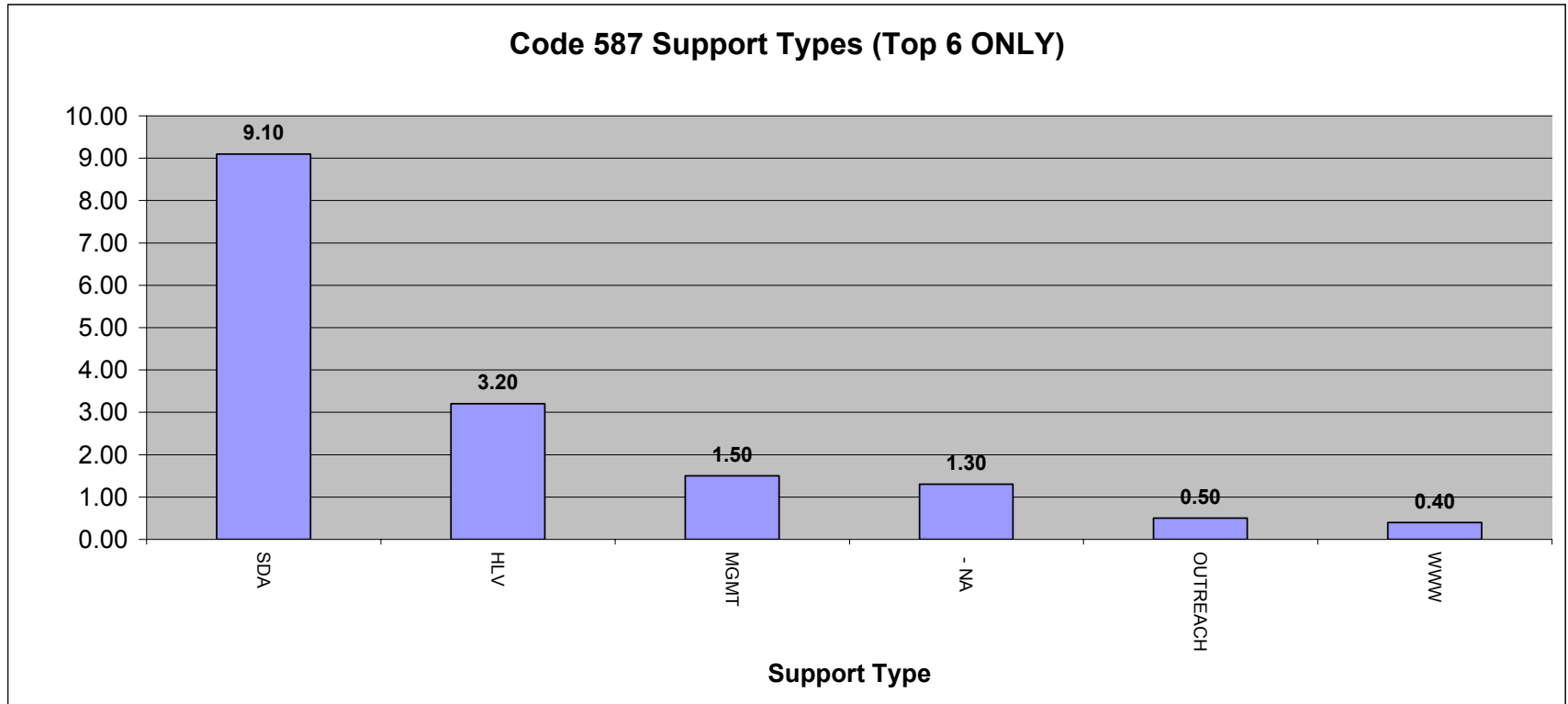
Project Profile

Project	Code	Jun	July	Aug	CS	² CS	SSC	Comments
ESDIS/EDIO	423	G	G	G	1.5	0.5		R. Boller is supporting the production of an outreach DVD in partnership with the SVS through the end of September.
P2PSDE	587	G	G	G	0.8	0	0.2	Implementation CMSserverPeer completed by C. Howard. Implementation of SDEserverPeer, CMSserverPeer, SOAPserverPeer, & SDEbrowserPeer are on-going Change indicates C Howards time for the summer.
ADMA	587	Y	Y	Y	1	0		Still trying to find a partnership for Quantum Computing Research
NGTRDM	632	G	G	Y	0	-1		Frances Qian returned to the University of Illinois-Urbana. Full Scholarship for an MBA with an emphatase on Computer Technology
SSVL	632	G	G	G	0.1	-0.5		R. Boller supporting ESDIS/EDIO outreach project in partnership with the SVS
LASP	680	G	G	G	1			Funded for remianer of FY04 - Will check on a SOW for FY05
LEP	690	G	G	G	1	0		Added support for data conversion task for 696
CASSINI_CAPS	692	Y	Y	Y	1	1		Backfill w/ Corporate Hire Arrived July 12 E. Uzo-Okoro
ViSBARD	692	G	G	G	0.4	0		Created a visualization of thirty spacecraft flown through a variety of simulation environments in support of MMS Mission planning
SWE	692	G	G	G	0.2	0		Science Data Processing system on WIND/SWE has been restored and data processing has resumed
Total					7	0		

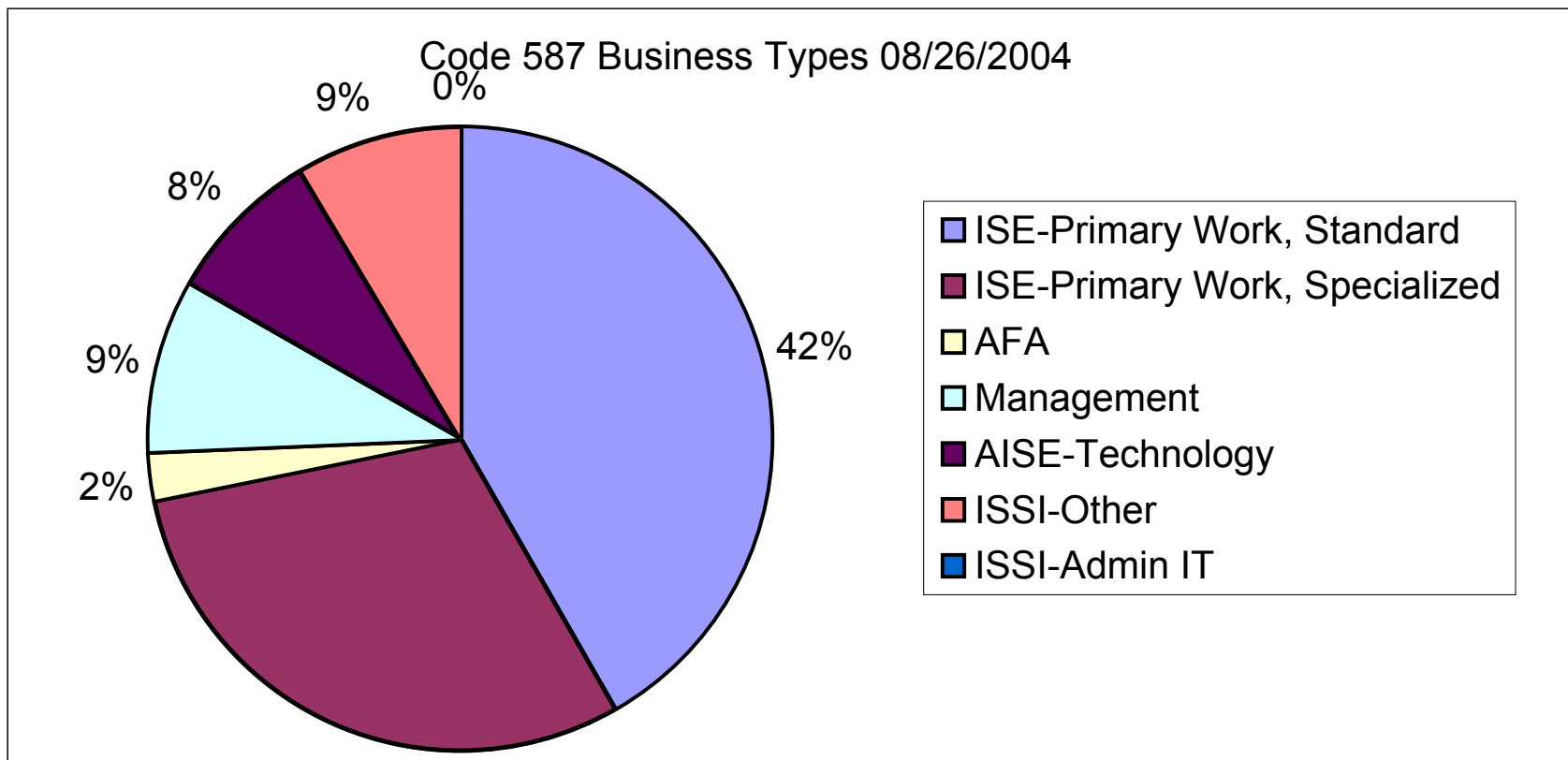
Project Profile

Project	Code	Jun	Jul	Aug	CS	² CS	SSC	Comments
MTCT	692	G	G	G	0.3	0		On-Going
CCMC	696	G	G	G	2.4	0		Special Presentation on Standard Formats in Modeling. A. Narock leaving CCMC to support ASF in September. Will meet with project lead on backfill.
SVS	930	G	G	G	1	0		On-Going
HPC	930	G	G	N/A	0	-1		Raul Garza-Robles retired on August 3rd. No backfill requested
HHT	971	G	G	G	0.5	0		MATLAB routine standardization and documentation continues
ANACM	971	G	G	G	0.5	0		On-Going
LIS	974	G	G	G	2	0		L. Lighty transitioning to Code 630 Grid Computing Project for FY05. J. Geiger to remain with LIS Project through FY05. Funding proposal are being written for future funding.
Total					6.7	-1		

587 Staffing Overview



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Acronyms

ANACM	Arctic-North Atlantic Climate Modeling
CCMC	Community Coordinated Modeling Center
CDF	Common Data Format
CMDPS	Common Magnetometer Data Processing System
DODS	Distributed Oceanographic Data System
ESDCD	Earth and Space Science Computing Division
FITS	Flexible Image Transport System
GrADS	Grid Analysis and Display System
GRIB	Gridded Binary
HDF	Hierarchical Data Format
IDL	Interactive Data Language
KP	Key Parameter
LASP	Laboratory for Astronomy and Solar Physics
LDAS	Land Data Assimilation System
LEP	Laboratory for Extraterrestrial Physics
LIS	Land Information System
LHEA	Laboratory for High Energy Astrophysics
LSM	Land Surface Model
LWS	Living with a Star
MPI	Message Passing Interface
MTCT	Multi-spacecraft Time Series Correlation Techniques
NetCDF	Network Common Data Form
OD	Organizational Development
P2PSDE	Peer-to-Peer Science Data Environment
PI	Principle Investigator
PWG	Polar, Wind & Geotail
SEC	Sun Earth Connectionns
SVS	Scientific Visualization Studio
ViSBARD	Visual System for Browsing, Analysis, and Retrieval of Data